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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

MAY 1 4 2001

ATTY. DOCKET NO. I-2-91.11US

SERIAL NO. 09/765,001

APPLICANT Ozluturk et al.

FILING DATE January 18, 2001 GROUP
Not Yet Known
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL				ocui	VENT	NUMB	ER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PP	AA*	3	7	6	1	6	1	0	09/73	Krallinger et al.			
.]	AB*	4	0	6	9	3	9	2	1/78	Goldenberg et al.			
	AC*	4	1	5	6	2	7	7	5/79	Seitz et al.			
	AD*	4	2	9	2	6	2	3	9/81	Eswaran et al.			
	AE*	4	3	8	4	3	0	7	5/83	Kuzmik et al.			
	AF*	4	3	8	5	2	0	6	5/83	Bradshaw et al.			
	AG*	4	4	2	5	6	6	5	1/84	Stauffer			
	AH*	4	4	5	8	3	1	4	7/84	Grimes			
	AI*	4	4	8	0	3	0	7	10/84	Budde et al.			·
	AJ*	4	5	7	0	2	2	0	2/86	Tetrick et al.			
	AK*	4	5	8	3	1	2	4	04/86	Tsuji et al.			
	AL*	4	6	0	8	7	0	0	8/86	Kirtley, Jr. et al.			
	AM*	4	6	3	0	1	2	6	12/86	Kaku et al.			
	AN*	4	6	4	6	2	3	2	2/87	Chang et al.			
	AO*	4	6	6	7	1	9	2	5/87	Schmid et al.			
	AP*	4	6	7	5	8	6	5	6/87	DeVries et al.			
	AQ*	4	7	0	9	3	4	3	11/87	Van Cang			
	AR*	4	7	4	4	0	7	9	5/88	Csapo et al.			
	AS*	4	7	6	8	1	4	5	8/88	Wheelwright et al.			
	AT*	4	8	1	1	2	6	2	3/89	White			
1	AU*	4	8	1	1	4	2	1	3/89	Havel et al.			

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL			C	ocui	MENT	NUMB	ER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PS	AV*	4	8	6	2	4	0	2	8/89	Shah et al.			
	AW*	4	9	0	1	3	0	7	2/90	Gilhousen et al.			
	AX*	4	9	1	4	5	7	4	4/90	Terada et al.			
	AY*	5	0	2	2	0	4	9	6/91	Abrahamson et al.			
	AZ*	5	0	5	0	0	0	4	9/91	Morton, Jr.			
	BA*	5	0	5	6	1	0	9	10/91	Gilhousen et al.			
	BB*	5	0	8	4	9	0	0	1/92	Taylor			
	BC*	5	0	9	3	8	4	0	3/92	Schilling			
	BD*	5	1	0	3	4	5	9	4/92	Gilhousen et al.			
	BE*	5	1	0	5	4	2	3	4/92	Tanaka et al.			
	BF*	5	1	0	9	3	9	0	4/92	Gilhousen et al.			
	BG*	5	1	1	3	5	2	5	5/92	Andoh			
	BH*	5	1	1	5	4	2	9	5/92	Hluckyj et al.			
	BI*	5	1	1	7	3	8	5	5/92	Gee			
	BJ*	5	1	4	0	6	1	3	8/92	Birgenheier et al.			
	BK*	5	1	5	9	2	8	თ	10/92	Jensen			
	BL*	5	1	5	9	5	5	1	10/92	Brunnett et al.	-		
	вм*	5	1	6	6	9	5	1	11/92	Schilling			
	BN*	5	1	9	3	0	9	4	3/93	Viterbi			
	BO*	5	1	9	9	0	6	1	3/93	Kim			
V	BP*	5	2	0	4	8	7	6	4/93	Bruckert et al.			

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APPLICANT Ozluturk et al.

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m	BQ*	5	2	2	4	1	2	0	6/93	Schilling			
	BR*	5	2	2	8	0	5	4	7/93	Rueth et al.			
	BS*	5	2	2	8	0	5	6	7/93	Schilling			
	BT*	5	2	3	5	6	1	4	8/93	Bruckert et al.			·
	BU*	5	2	3	7	5	8	6	8/93	Bottomley			
	BV*	5	2	4	1	6	9	0	8/93	Larsson et al.			
	BW*	5	2	4	5	6	2	9	9/93	Hall			
	BX*	5	2	5	3	2	6	8	10/93	Omura et al.			
	BY*	5	2	5	3	3	4	7	10/93	Bagnoli et al.			
	BZ*	5	2	5	7	2	8	3	10/93	Gilhousen et al.			
	CA*	5	2	5	8	9	4	0	11/93	Coker et al.			
	CB*	5	2	6	0	9	6	7	11/93	Schilling			
	CC*	5	2	6	2	9	7	4	11/93	Hausman et al.			
	CD*	5	2	6	5	1	1	9	11/93	Gilhousen et al.			
	CE*	5	2	6	7	2	6	2	11/93	Wheatley, III			
	CF*	5	2	7	4	4	7	4	12/93	Medina			
	CG*	5	2	7	6	6	8	4	1/94	Pearson			
	CH*	5	2	8	3	5	3	6	2/94	Wheatley, III			
	CI*	5	2	8	7	2	9	9	2/94	Lin			
	CJ*	5	2	8	7	4	6	3	2/94	Frame et al.			
	CK*	5	2	9	5	1	5	2	3/94	Gudmundson et al.			
V	CL*	5	2	9	7	1	6	2	3/94	Lee et al.			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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PY	CM*	5	2	9	9	2	2	8	3/94	Hall			
	CN*	5	3	0	5	3	4	9	4/94	Dent			
	CO*	5	3	0	9	4	7	4	5/94	Gilhousen et al.			
	CP*	5	3	1	1	4	5	9	5/94	D'Luna et al.		, i	
	ca*	5	3	2	7	4	5	5	7/94	DeGaudenzi et al.			
	CR*	5	3	2	7	4	6	7	7/94	DeGaudenzi et al.			4
	CS*	5	3	3	9	1	7	4	8/94	Harris			
	CT*	5	3	4	1	3	9	6	8/94	Higgins et al.			
	CU	5	3′	4	3	3	3	5	8/94	Hara			
	CV*	5	3	4	5	5	9	8	9/94	Dent			
	cw	5	3	4	7	5	3	6	9/94	Meehan			
	CX*	5	3	4	9	6	0	6	9/94	Lovell et al.			
	CY*	5	3	5	1	1	3	4	9/94	Yaguchi et al.			
	CZ*	5	3	5	3	3	0	2	10/94	Bi			
	DA*	5	3	5	3	3	5	2	10/94	Dent et al.			
	DB*	5	3	5	5	4	5	3	10/94	Row et al.			
	DC*	5	3	6	3	3	7	7	11/94	Sharpe			
	DD*	5	3	6	7	5	3	3	11/94	Schilling			
	DE*	5	3	7	3	5	0	2	12/94	Turban			
	DF*	5	3	7	7	1	8	3	12/94	Dent			
	DG*	5	3	7	9	2	4	2	1/95	Rose et al.			
V	DH*	5	3	9	2	2	8	7	2/95	Tiedemann, Jr. et al.			
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. I-2-91.11US

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APPLICANT Ozluturk et al.

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PP	DI*	5	3	9	6	5	1	6	3/95	Padovani et al.			
	DJ*	5	3	9	8	2	4	3	3/95	Aguilhon et al.			
	DK*	5	4	0	4	3	7	6	4/95	Dent			
	DL*	5	4	0	6	5	5	9	4/95	Edem et al.			
	DM*	5	4	1	4	7	2	8	5/95	Zehavi			
	DN*	5	4	1	4	7	2	9	5/95	Fenton			
	DO*	5	4	1	4	7	3	2	5/95	Kaufmann			
	DP*	5	4	1	6	7	9	7	5/,95	Gilhousen et al.			
	DQ*	5	4	1	8	6	2	4	5/95	Ahmed			
	DR*	5	4	2	0	8	9	6	5/95	Schilling			
	DS*	5	4	3	0	7	2	4	7/95	Fall et al.			
	DT*	5	4	3	0	7	6	0	7/95	Dent			
	DU*	5	4	4	0	5	9	7	8/95	Chung et al.			
	DV*	5	4	4	2	6	6	2	8/95	Fukasawa et al.			
	DW*	5	4	4	6	6	8	3	8/95	Mullen et al.	_		·-
	DX*	5	4	4	6	7	5	6	8/95	Mallinckrodt			
	DY*	5	4	5	9	7	5	9	10/95	Schilling			
	DZ*	5	4	8	3	5	4	9	1/96	Weinberg et al.			
	EA*	5	4	8	7	0	8	9	1/96	Misaizu et al.			
	EB*	5	4	8	8	6	2	9	1/96	Takahashi et al.			
	EC*	5	5	0	9	1	2	6	4/96	Oprescu et al.			
V	ED*	5	5	1	9	7	3	6	5/96	Ishida			
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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.08	EE*	5	5	2	8	5	9	3	6/96	English et al.			
	EF*	5	5	4	4	1	5	6	8/96	Teder et al.			
	EG*	5	5	4	8	6	1	3	8/96	Kaku et al.			
	EH*	5	5	5	0	8	1	1	8/96	Kaku et al.			
	EI*	5	5	5	9	7	9	0	9/96	Yano et al.			
	EJ*	5	5	6	1	6	6	9	10/96	Lenny et al.			
	EK*	5	5	6	3	9	1	2	10/96	Yasunaga			
	EL*	5	5	9	6	5	7	0	1/97	Soliman			
	EM*	5	6	1	9	5	2	4	4/97	Ling et al.			
	EN*	5	6	5	7	3	4	3	8/97	Schilling			0
	EO*	5	6	7	3	2	8	6	9/97	Lomp			
	EP*	5	7	1	2	8	6	9	1/98	Lee et al.			
	EQ*	5	7	4	5	4	8	4	4/98	Scott			
	ER*	5	8	4	1	7	6	8	11/98	Ozluturk et al.			
V	ES*	5	9	4	0	3	8	2	8/99	Haim			

FOREIGN PATENT DOCUMENTS

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					DOCO	MENT	NUM	BEH		DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
11)	ET*	0	3	7	2	3	5	9A2	6/90	Europe				
		EU*	0	5 6 5 5 0 7						10/93	Europe				
		EV*	0	5	2	5	8	6	0A2	2/93	Europe				
V		EW*	0	0	2	2	1	7	0A2	1/81	Europe				

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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		EY*	0	5	2	6	1	0	6	2/93	Europe				
		EZ*	0	6	5	4	9	1	3	5/95	Europe				
		FA*	0	6	5	6	7	1	6	6/95	Europe				
		FB*	0	6	6	8	6	6	2	8/95	Europe				
		FC*	0	7	4	4	8	7	6	11/96	Europe				
		FD*	3	7	4	3	7	3	1A	7/89	Germany				
		FE*	3	7	4	3	7	3	2A	7/89	Germany				
		FF*	2	3	0	1	7	4	6	12/96	Great Britain				
		FG	62	2	5	6	5	1	6	11/87	Japan				Х
		FH*	02	2	5	6	3	3	1	10/90	Japan				
		FI*	H2-	2	8	7	8	7	4	11/90	Japan				
		FJ	Н4	2	2	2	1	1	1	8/92	Japan				
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_		FL	Н5	1	4	4	1	2	8	6/93	Japan				
		FM	Н6	1	0	4	6	9	4	4/94	Japan				
_		FN	Н7	2	7	3	6	0	0	10/95	Japan				
		FO*	9	2	0	0	6	3	9	1/92	PCT				
		FP*	9	3	0	7	7	0	2	4/93	PCT				
		FQ*	9	5	0	3	6	5	2	2/95	PCT				
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Sheet <u>8</u> of <u>8</u>

FORM PTO-1449 ATTY, DOCKET NO. SERIAL NO. I-2-91.11US 09/765,001 U.S. DEPARTMENT OF COMMERCE TENT AND TRADEMARK OFFICE **APPLICANT** Ozluturk et al. INFORMATION DISCLOSURE MAY 1 LEMENT BY APPLICANT **FILING DATE GROUP** January 18, 2001 Not Yet Known several sheets if necessary) FOREIGN PATENT DOCUMENTS TRANSI ATION DATE DOCUMENT NUMBER COUNTRY SUBCLASS CLASS YES NΩ PP FS* 0 7 5 7 8 3/95 **PCT** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) FT* Patent Abstracts of Japan, Vol. 015, No. 003 (E-1019), 7 January 1991 & JP 02 W 256331 A (Sharp Corp.), 17 October 1990, see abstract. FU* Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread-Spectrum Approach," UMI Dissertation Information Service, (1978), 204 pp. FV* Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System," UMI Dissertation Information Services, (1984), 129pp. FW* "Code Division Multiple Access (CDMA)", Franz Josef Hagmanns, Volker Hespelt, 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, PP. 64-71 FX* 'CDMA and ATM-zwei Technologien, ein Ziel", 2323 Telcom Report (Siemens) 18 (1995) Maerz/April, No. 2, Munchen, DE, pp. 60-63 Zhao Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular FY* Systems", IEEE Journal on Selected Areas in Communications, US, IEEE Inc. New York, vol. 12, no. 4, 1 May 1994, pages 638-644 DATE CONSIDERED **EXAMINER** 4/16/04

PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. I-2-0091.11US

SERIAL NO. 09/765,001

APPLICANT Gary R. Lomp

FILING DATE January 18, 2001

GROUP 2631

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APPLICANT Gary R. Lomp

FILING DATE January 18, 2001 GROUP 2631

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1	GH	5	5	9	4	7	1	8	1/97	Weaver, Jr. et al.		R	EC	\Z!
	GI	5	8	9	8	6	6	5	4/99	Sawahashi et al.			///	
	GJ	5	9	9	1	3	3	2	11/99	Lomp et al.		Techno	12	012
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	GV	5	6	5	4	9	8	0	08/1997	Latva-aho et al.			,
	GW	5	8	7	2	8	1	0	02/1999	Phillips et al.			
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	HD			annetti et al.; "Design of an all-digital receiver for narrowband continuous-phase asynchronous CDMA systems;" IEEE; vol. 3; pgs. 468-472; May 1993.							
	HE			Braun et al.; "An All-digital receiver for satellite audio broadcasting signals using trellis coded quasi- orthogonal code-division multiplexing," AEI; vol. 4, no. 1; pgs. 23-32; 1993.							
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	HG		Bernasconi; "Receiver architectures for the down-link in a DS-CDMA mobile system;" IEEE; pg- September 1994.								
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ATTY. DOCKET NO. SERIAL NO. I-2-0091.11US 09/765,001 U.S. DEPARTMENT OF COMMERCE **APPLICANT** PATENT AND TRADEMARK OFFICE Gary R. Lomp INFORMATION DISCLOSURE **FILING DATE GROUP** STATEMENT BY APPLICANT January 18, 2001 2631 (Use several sheets if necessary) U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 0 ΗU 5 4 8 6 0 09/1995 Lucas Н٧ 5 6 9 2 0 0 8 11/1997 Van Nee 'n RECEIVED OCT 2 1 2003 Technology Center 2600 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO HW 9 7 0 6 0 0 02/1997 M WO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** 4/16/04 Phurs Phr

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